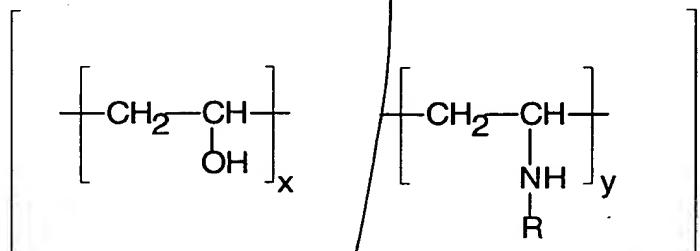


## CLAIMS

*JW/1*

5 1. A recording sheet for ink jet printing comprising a support having coated onto said support one or more layers receptive for aqueous inks said coatings containing in one or more layers at least one copolymer of the general structure



where

10  $\text{R} = \text{H}$  or alkyl with 1 - 6 carbon atoms  
 $\text{x} + \text{y} = 1$   
 $\text{y} = 0.05 - 0.2$   
 $\text{x} = 0.8 - 0.95$

15 2. A recording sheet for ink jet printing according to claim 1 where the layers contain in addition to the copolymer a binder or a mixture of binders.

3. A recording sheet for ink jet printing according to claim 2 where the layers form a film.

20 4. A recording sheet according to claim 1 where the layers are crosslinked.

5. A recording sheet according to claim 1 where the molecular weight of the polymer is from 20 000 to 150 000.

25 6. A recording sheet according to claim 2 where the binder or binders are selected from polyvinyl alcohol, gelatine, starch, carboxymethyl cellul-

*Bl  
casein*

lose, hydroxyethyl cellulose, hydroxypropyl cellulose, hydroxymethyl cellulose, methoxyethyl cellulose, gum arabic, polyvinyl pyrrolidone, polyvinyl-methyl pyrrolidone or casein.

5 7. A recording sheet according to claim 2 where the binder or binders are selected from polymers or copolymers derived from acrylic acid or acrylic acid derivatives.

10 8. A recording sheet according to claim 4 where the crosslinking agent is selected from the group consisting of triazine derivatives, epoxydes, aldehydes, vinyl sulfones or carbamoyl derivatives.

15 9. A recording sheet according to claim 4 where the crosslinking agent is selected from the group of triazine derivatives or carbamoyl derivatives.

10. A recording sheet according to claim 4 where the crosslinking agent is hydroxy-dichloro-1,3,5-triazine or 2-(4-dimethylcarbamoyl-pyridino)-ethane-sulfonic acid.

20 11. A recording sheet according to claim 1 where R is H or CH<sub>3</sub>.

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